

CLAIMS

I claim:

3 1. A low profile, combination brush and squeegee device, comprising:

4 a. a body having a top surface a bottom surface and a front edge, said body

5 having a center axis and a cleaning surface longitudinally attached on one side and cleaning

6 blade longitudinally aligned and extended above the opposite side of said body;

7 b. an articulating elongated pole, said pole including a longitudinal center axis

8 and a long section and a short section;

9 c. a first pivoting joint disposed between said long section and said short section

10 of said pole enabling said short section to rotate around an axis perpendicular to said

11 longitudinal axis of said pole;

12 d. a second pivoting joint disposed between said short section of said pole and

13 said body, enabling said body to selectively pivot along the same axis as said first pivoting

14 joint so that said body may be positioned at different angles with respect to said pole;

15 e. a rotating joint disposed between said body and said short section of said pole,

16 enabling said body to rotate 180 degrees around said longitudinal axis of said short section;

17 f. a cleaning surface attached to said body; and,

18 g. a squeegee blade attached to said body and extending from said body opposite

19 said cleaning surface.

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21 2. The device, as recited in Claim 1, further including an elastic cord disposed between

22 said body and said elongated pole to resiliently hold said body on said pole and allow said

1 body to rotate over said rotating joint.

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3 3. The device, as recited in Claim 2, wherein said rotating joint includes a coupler
4 attached to said second rotating joint with a pair of bores formed therein and two pegs
5 attached to said body, said pegs capable of being inserted into said bores to perpendicularly
6 align said body on said elongated pole.

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8 4. The device, as recited in Claim 2, wherein said elastic cord extends longitudinally
9 through bores formed centrally on said body, said coupler, and said second pivoting joint to
10 resiliently hold said body, said coupler, and said second pivoting joint together.

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12 5. The device, as recited in Claim 1, wherein said elongated pole is 56 inches in length.

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14 6. The device, as recited in Claim 1, wherein said body is 6 inches in length.

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16 7. The device, as recited in Claim 1, wherein said body is 1 inch thick.

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18 8. A low profile, combination scrubber and squeegee device, comprising
19 a. an elongated pole;
20 b. a body having a scrubber surface and a squeegee blade located on opposite
21 surfaces;
22 c. an offset fixed rotating joint disposed between said body and said elongated

1 pole enabling said body to be selectively rotated 180 degrees around the longitudinal axis of
2 said elongated pole; and,

3 d. means to bias said combination scrubber and squeegee to said offset rotating
4 joint.

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6 9. The combination scrubber and squeegee device as recited in Claim 8, wherein said
7 rotating joint diagonally aligns said body ten degrees relative to the longitudinal axis of said
8 elongated pole.

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10 10. The combination scrubber and squeegee device, as recited in Claim 9, wherein said
11 rotating joint includes a coupler attached to said elongated pole and a neck attached to said
12 body, said coupler and base having complementary-shaped surfaces that enable said coupler
13 and neck to be aligned.

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15 11. The combination scrubber and squeegee device, as recited in Claim 10, further
16 including two pegs attached to said neck and two offset bores formed on said coupler so that
17 when said coupler and base are registered and aligned and said pegs are inserted into said
18 bores, said neck is offset from said coupler.

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20 12. The combination scrubber and squeegee device, as recited in Claim 11, wherein said
21 bores are offset approximately ten degrees from the longitudinal axis of said coupler.

1 13. The combination scrubber and squeegee device, as recited in Claim 10, wherein said
2 means for biasing is an elastic cord that extends from said elongated pole to said body.

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4 14. The combination scrubber and squeegee device, as recited in Claim 8, further
5 including a first pivoting joint attached to said elongated joint dividing said elongated pole
6 into long and short sections.

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8 15. The combination scrubber and squeegee device, as recited in Claim 8, further
9 including a second pivoting joint located adjacent to said rotating joint enabling said body to
10 pivot around the transverse axis of said elongated pole.

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12 16. The combination scrubber and squeegee device, as recited in Claim 8, wherein said
13 bore and coupler include longitudinally aligned bores through which said elastic cord
14 extends.

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ABSTRACT OF THE DISCLOSURE

2 A low profile combination brush and scrubbing device used to clean tight fitting,
3 narrow, hard to reach windows on a motor vehicle. The device comprises a low profile body
4 with a cleaning surface, such as a sponge or cleaning pad attached on its top surface, and a
5 rubber blade attached along its front surface that extends downward in a direction opposite
6 the cleaning surface. Connected to the body is an articulating elongated pole. Disposed
7 between the body and the elongated pole is a rotating joint that enables the user to rotate the
8 body 180 degrees around the central axis of the elongated pole. Disposed between the body
9 and the elongated pole are first and second pivoting joints that allow the user to selectively
10 adjust the angular position of the pole and body so that the body may be placed against the
11 surface of both windows. The three joints work together to allow the user to easily adjust the
12 position of the elongated pole on the body so that the device may be used on tight fitting,
13 hard to reach surfaces of a vehicle.